

CBSC STAFF REPORT
2004 Annual Cycle Monograph Item 4

PROPOSING STATE AGENCY:

Department of Housing and Community Development (HCD 3/04)

APPLICATION AFFECTED:

Privately-funded Residential Buildings, Employee Housing, Factory-built Housing, and Permanent Buildings in Mobile Home Parks.

SUBJECT:

Part 2, California Building Code, Volume 2, Changes to Chapters Chapter 16, 19, 22 and 22B in Volume II of Title 24, California Code of Regulations.

Part 2, Volume 2

Changes to Chapter 16 include amendments for:

- Modification of Alternate basic load combinations.
- Changes to horizontal distribution and vertical combinations.
- Add language to clarify discontinuous elements.
- Detailing requirements in seismic zones 3 and 4.
- Allow the use of ordinary moment frames and intermediate moment frames with limitations.

Changes to Chapter 19 include amendment for:

- Corrects references to “unfactored loads” for concrete footings.
- Updates to basic calculations to make consistent with 1997 AISC-Seismic provisions and the latest supplements.

Changes to Chapter 22 and 22B include amendments for:

- Update seismic provisions to be consistent with BCS, DSA and OSHPD prior adoptions for NEHERP 2000 and ASCE 7-2002 and to Incorporate supplement number 2 of the AISC for steel construction in chapter 22.
- Update seismic provisions to be consistent with the BCS prior adoption for steel construction by adding chapter 22B.

FINDINGS:

CBSC Code Advisory Committee Comments/Recommendations

CBSC's Structural Design/Lateral Forces (SDLF) recommended approve as submitted/resubmitted.

(See pages 2-1 through 2-33 for Structural Design / Lateral Forces of the May, 2005 Code Change Monograph, Volume II.)

Public Comment & Agency Response to Comments:

1. Sub-items 4-15 Commenter #1 Shelia Lee, CALBO requests approve as amended Chapter 23 – Wood for the following reasons, based on criteria #3 & 7: (See page 72 of the October, 2005 Public Comment Monograph)

The commenter is requesting that the Department adopt the 2005 Edition of the National Design Specification for Wood Construction because it is the most current edition published by the American Forest and Paper Association.

Response by agency: The 2005 Edition of the NDS was not published when this code change proposal was submitted to the Building Standards Commission during the 2004 rulemaking cycle. This is a substantive change that would require significant additional time for technical review by HCD and additional time for public review and comment, both of which HCD did not accommodate within this 2004 rulemaking cycle. (See page 8 of the Final Statement of Reasons, which follows this report.)

HCD is currently developing amendments to the International Building Code (IBC), 2006 Edition, which will adopt the 2005 edition of the NDS by reference. This comment will be considered during HCD's development of amendments to the 2006 edition IBC. HCD plans to submit this code change package to the Building Standards Commission in May 2006.

2. Sub-items 4-15 Commenter #2 David P. Tyree, American Paper and Forest Association (AF&PA), American Institute of Timber Construction (AITC) requests approve as amended Chapter 23A – Wood for the following reasons, based on criteria #3 & 7: (See page 72 through 84 of the October, 2005 Public Comment Monograph)
 - The 2005 NDS is available and should be referenced in Chapter 23A instead of the 2001 edition;

- The agencies' amendments to the 2001 NDS are unnecessary or onerous to builders; and
- Nominal English and metric dimensions referenced in several sections should be correlated for equivalency. (See pages 72 through 84 of the October, 2005 Public Comment Monograph)

Response by agency: The 2005 Edition of the NDS was not published when this code change proposal was submitted to the Building Standards Commission during the 2004 rulemaking cycle. This is a substantive change that would require significant additional time for technical review by HCD and additional time for public review and comment, both of which HCD did not accommodate within this 2004 rulemaking cycle. (See page 8 of the Final Statement of Reasons, which follows this report.)

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Staff Findings:

HCD's submittal appears to be compliant with the Administrative Procedures Act and Building Standards Law.

COMMISSION ACTION:

For efficiency, staff recommends that the Commission act on the uncontested sub-items in one motion, and act on the remaining sub-items individually. Since items 6 and 7 for DSA/SS and OSHPD are virtually identical, including public comments and responses, these items can be taken up in one motion as well.

The Commission may take any one of the following actions on this item:

- ❖ **Approve**
- ❖ **Disapprove**
- ❖ **Approve as Amend**
- ❖ **Further Study**